

FEDERAL SPECIFICATION

FUSES, CARTRIDGE, HIGH-INTERRUPTING CAPACITY

The General Services Administration has authorized the use of this amendment, which forms a part of W-F-1814A, dated October 21, 1982, by all federal agencies.

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Military Standards, delete, "MIL-STD-105 - Sampling Procedures and Tables for Inspection by Attributes."

- * 2.2, Underwriters Laboratories Inc. (UL) Standards, delete and substitute:

- "UL248-1 - Low-Voltage Fuses - Part 1: General Requirements.
- "UL248-9 - Low-Voltage Fuses - Part 9: Class K Fuses.
- "UL248-12 - Low-Voltage Fuses - Part 12: Class R Fuses."

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- * After 3.5.3, add:

"3.5.4 Terminal finish or plating. Ferrules, knives blades, lugs, or other terminals shall be finished (plated, dipped, coated) or shall be natural (no finishing process), as specified (see 3.1). Finish shall be optional when not specified.

"3.5.4.1 Silver plating. (see 3.1). Silver plating shall be in accordance with QQ-S-365 or equivalent as approved by the qualifying activity, and shall be 99.9 percent pure silver, not coin silver. It shall be not less than .00008 inch (0.0002 mm) inch thick. When silver plating is specified, the letter "S" shall be added as a suffix to the end of the Government part number."

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- * 3.14.2, delete and substitute:

"3.14.2 Underwriters Listed (UL Listed) Mark. Fuses which conform to UL248-1, UL248-9, or UL284-12 (see 4.5b), shall have the UL Listed Mark on each fuse."

4.5b., delete "UL listing" and substitute "UL listed", two places.

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4.5.2c., delete and substitute:

“c. Those contractors that used the UL Listed Mark to obtain qualification shall submit certification that the qualified fuses retain the UL Listed Mark, at 12-month intervals, to the qualifying activity. The letter of certification shall include the UL file number, the Government part number, and the manufacturer’s part number for each fuse rating is qualified. The manufacturer shall also certify that they will notify the qualifying activity of any problem which threatens loss of the UL Listed Mark within 30 days after recognition of the problem. The initial reporting date shall be established by the qualifying activity. Failure to submit the certification within 30 days after the end of each 12-month period may result in loss of qualification for the product.”

4.6, delete “UL Listing Mark” and substitute “UL Listed Mark”.

TABLE II, delete last two columns under “AQL (percent defective)”.

4.6.1.2.1, delete and substitute:

“4.6.1.2.1 Sampling plan. A sample of parts shall be randomly selected in accordance with table II-1. If one or more defects are found, the lot shall be rescreened and defects removed. After screening and removal of defects, a new sample of parts shall be randomly selected in accordance with table II-1. If one or more defects are found in the second sample, the lot shall be rejected and shall not be supplied to this specification.”

After 4.6.1.2.1, add:

“TABLE II-1. Group A and group B, zero defect sampling plan.”

Lot size	Sample size		
	Group A		Group B
	Major	Minor	
2 to 8	100 percent	<u>1</u> / 3	<u>1</u> / 5
9 to 25	<u>1</u> / 13	3	5
26 to 50	13	5	5
51 to 90	13	6	7
91 to 150	13	7	11
151 to 280	20	10	13
281 to 500	29	11	16
501 to 1,200	34	15	19
1,201 to 3,200	42	18	23
3,201 to 10,000	50	22	29

1/ If sample size equals or exceeds lot size, 100 percent inspection is required.”

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4.6.1.2.2, delete.

4.6.1.3.1, delete and substitute:

“4.6.1.3.1 Sampling plan. A sample of parts shall be randomly selected in accordance with table II-1. If one or more defects are found, the lot shall be rescreened and defects removed. After screening and removal of defects, a new sample of parts shall be randomly selected in accordance with table II-1. If one or more defects are found in the second sample, the lot shall be rejected and shall not be supplied to this specification.”

- * 6.3, line 9, delete “Defense Electronics Supply Center” and address and substitute “Defense Supply Center, Columbus, 3990 E. Broad Street, Columbus, OH 43213-1199”.

The margins of this amendment are marked with an asterisk to indicate where changes from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

Custodians:
Army - CR
Air Force - 85

Review activities:
Army - AL, AR, CR4
Air Force - 99
NSA - NS

Preparing activity:
DLA - CC

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